Twitter Sentiment Analyzer

Author (s): Saad Teeti, Prabhav Arora, Khalid El Essawi   **Date:** **November 25, 2020**
Version: ___2.0_____

USE CASE NAME:	Sentiment Analysis Score and Report	**USE CASE TYPE**
USE CASE ID:	UC-4	**Functional Requirements:** ☑
PRIORITY:	High	
PRIMARY ACTOR:	System	
OTHER PARTICIPATING ACTORS:	●	
OTHER INTERESTED STAKEHOLDERS:	●	
SHORT DESCRIPTION:	After the NLP algorithm runs, the program will produce sentiment score and export reports to send back to the user	
PRE-CONDITION:	This is the fourth step of the program, so there preconditions are the user entering a search word, the system preprocessing the user input, the system retrieving data from twitter, and run NLP sentiment analysis algorithm.	
TRIGGER:	The system triggers this part, by preparing and sending a report regarding the results and the findings of the program.	

TYPICAL COURSE OF EVENTS:	**Actor Action**	**System Response**
	Step 1: Producing Sentiment Score Report.	**Step 2**: Sending the findings to the customer via email.

ALTERNATE COURSES:	There are no alternate paths through the system
CONCLUSION:	This is the last part of the program where the customer will receive an email with the findings.
POST-CONDITION:	There are no post conditions for this part, but there might be a possibility of asking the customer for feedback on the service.
BUSINESS RULES:	
IMPLEMENTATION CONSTRAINTS AND SPECIFICATIONS:	
ASSUMPTIONS:	
OPEN ISSUES:	1.